



DOCKET NO. H0001697

## AUTOMATIC MODE TRANSITIONS FOR MICROTURBINE GENERATING SYSTEMS

### ABSTRACT OF THE DISCLOSURE

[0020] A system and method for controlling a microturbine generator system comprising:

5 providing a computer control unit; providing a utility power grid sensor input line to the computer control unit; and providing a utility power grid disconnect command output line from the computer control unit; and causing, via the computer control unit, automatic transitions of the microturbine generator system between at least four states, the at least four states comprising a generator standby backup mode, a generator standalone mode, a transfer to standby backup mode, and a generator startup battery  
10 charging mode.

10  
15  
20  
25  
30  
35  
40  
45  
50  
55  
60  
65  
70  
75  
80  
85  
90  
95  
100